

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (currently amended): A method of operating a casino game comprising:

receiving a wager from a player,

displaying a play of an underlying game of chance which results in a first outcome displayed to the player, said first outcome dependent upon at least one random determination, said first outcome capable of resulting in a first payout to the player, said underlying game of chance having a first house advantage, and

displaying a play of a knowledge-based bonus game using answers inputted by the player in combination with the underlying game of chance, said play of said knowledge-based bonus game resulting in a second outcome displayed to the player and dependent upon the knowledge of the player, said second outcome capable of resulting in a second payout to the player,

if the first outcome results in the first payout, providing the first payout to the player even if the second payout is not provided to the player,

if the second outcome results in the second payout, providing the second payout to the player even if the first payout is not provided to the player, and

said knowledge-based bonus game configured to maintain within a range a second house advantage for the combined knowledge-based bonus game with the underlying game of chance, said range configured to account for a first expected return provided by the play of knowledge-based bonus game by the player guessing answers and a second expected return provided to the player having perfect knowledge of answers.

Claim 2 (canceled)

Claim 3 (previously presented): The method of claim 1, wherein playing the knowledge-based game occurs when play of the underlying game of chance stops.

Claims 4-7 (canceled)

Claim 8 (currently amended): A method of operating a casino game comprising:

receiving a wager from a player,

displaying a play of an underlying game of chance which results in a first outcome displayed to the player, said first outcome dependent upon at least one random determination, said first outcome capable of resulting in a first payout to the player, said underlying game of chance having a first house advantage,

displaying a play of a knowledge-based bonus game using answers inputted by the player in combination with the underlying game of chance, said play of said knowledge-based bonus game resulting in a second outcome displayed to the player and dependent upon the knowledge of the player, said second outcome capable of resulting in a second payout to the player,

if the first outcome results in the first payout, providing the first payout to the player even if the second payout is not provided to the player,

if the second outcome results in the second payout, providing the second payout to the player even if the first payout is not provided to the player, and

said knowledge-based bonus game configured to maintain within a range a second house advantage for the combined knowledge-based bonus game with the underlying game of chance, wherein the range is defined by a minimum value and a maximum value, and wherein at least one of said minimum value and said maximum value are configured to change for different plays of the knowledge-based bonus game, said range configured to account for an expected return provided by the play of knowledge-based bonus game by the player guessing answers and by the player having perfect knowledge of answers, wherein

playing the knowledge-based game occurs when play of the underlying game of chance stops, and

stopping of the underlying game of chance is randomly determined.

Claim 9 (previously presented): The method of claim 1, wherein the knowledge-based bonus game has queries with answers.

Claim 10 (currently amended): A method of operating a casino game comprising:

receiving a wager from a player,

displaying a play of an underlying game of chance which results in a first outcome displayed to the player, said first outcome dependent upon at least one random determination, said first outcome capable of resulting in a first payout to the player, said underlying game of chance having a first house advantage,

displaying a play of a knowledge-based bonus game in combination with the underlying game of chance, wherein said knowledge-based bonus game includes queries and uses answers inputted by the player to the queries in said play of said knowledge-based bonus game resulting in a second outcome displayed to the player and dependent upon the knowledge of the player, said second outcome capable of resulting in a second payout to the player,

said knowledge-based bonus game configured to maintain within a range a second house advantage for the combined knowledge-based bonus game with the underlying game of chance, wherein the range is defined by a minimum value and a maximum value, and wherein at least one of said minimum value and said maximum value changes for different plays of the knowledge-based bonus game, said range configured to account for a plurality of expected returns, wherein a first minimum expected return is provided by the play of knowledge-based bonus game by the player guessing answers and a second maximum expected return is provided to the player having perfect knowledge of answers, and said minimum expected return and said maximum expected return may be different for different plays of the knowledge-based bonus game,

if the first outcome results in the first payout, providing the first payout to the player even if the second payout is not provided to the player, and

if the second outcome results in the second payout, providing the second payout to the player even if the first payout is not provided to the player.

Claims 11-17 (canceled)

Claim 18 (currently amended): A method of operating a casino game comprising:

receiving a wager from a player,

displaying a play of an underlying game of chance which results in a first outcome displayed to the player, said first outcome dependent upon at least one random determination, said first outcome capable of resulting in a first payout to the player, said underlying game of chance having a first house advantage,

displaying a play of a knowledge-based bonus game using answers inputted by the player in combination with the underlying game of chance, said play of said knowledge-based bonus game resulting in a second outcome displayed to the player and dependent upon the knowledge of the player, said second outcome capable of resulting in a second payout to the player, wherein if the first outcome results in the first payout, the first payout is provided to the player even if the second payout is not provided to the player and if the second outcome results in the second payout, the second payout is provided to the player even if the first payout is not provided to the player, and

said knowledge-based bonus game configured to maintain within a range a second house advantage for the combined knowledge-based bonus game with the underlying game of chance, said range configured to account for an expected return provided by the play of knowledge-based bonus game by the player guessing answers and by the player having perfect knowledge of answers, wherein

the knowledge-based bonus game includes:

- (a) providing the player a query;
- (b) providing the player a plurality of selections to answer said query, at least one of said selections corresponding to at least one correct answer and at least one of said selections corresponding to at least one incorrect answer;
- (c) enabling the player to select one of the selections;
- (d) if the player selects the at least one selection corresponding to the at least one correct answer, awarding the player a first amount;
- (e) if the player selects the at least one selection corresponding to the incorrect answer, enabling the player to select one of the non-selected selections and if

the player selects the at least one selection corresponding to the correct answer, awarding the player a second amount; and

- (f) providing any awarded amounts to the player as the second payout.

Claim 19 (currently amended): A method for operating a combined knowledge-based bonus game with an underlying casino game of chance, the method comprising:

receiving a wager from a player,

displaying a play of the underlying casino game of chance which results in a first outcome displayed to the player, said first outcome dependent upon at least one random determination, said first outcome capable of resulting in a first payout to the player, said underlying game of chance having a first house advantage,

stopping the display of the play of the underlying casino game of chance,

displaying a play of the knowledge-based bonus game when the underlying casino game of chance is stopped, said play of said knowledge-based bonus game resulting in a second outcome displayed to the player and dependent upon the knowledge of the player, said second outcome capable of resulting in a second payout to the player, wherein if the first outcome results in the first payout, the first payout is provided to the player even if the second payout is not provided to the player and if the second outcome results in the second payout, the second payout is provided to the player even if the first payout is not provided to the player, and

said knowledge-based bonus game configured to maintain within a range a second house advantage for the combined knowledge-based bonus game with the underlying casino game of chance, wherein the range is defined by a minimum value and a maximum value, and wherein at least one of said minimum value and said maximum value changes for different plays of the knowledge-based bonus game, said range configured to account for a plurality of expected returns, a first minimum expected return provided by the play of knowledge-based bonus game by the player guessing answers and a second maximum expected return is provided to the player having perfect knowledge of answers,

playing the knowledge-based game at least including:

- (a) providing at least one query to the player in the knowledge-based game,
- (b) receiving an answer from the player in response to the provided at least one query,

(c) if the answer is incorrect, receiving a second answer from the player in response to the at least one query;

(d) paying the player a first amount for the second- payout if said first answer is correct, paying the player a second amount for the second payout if said second answer is correct.

Claims 20-23 (canceled)

Claim 24 (previously presented): The method of claim 19, wherein paying the player further includes:

paying the player a third amount for said second payout when the player does not correctly answer query.

Claim 25 (currently amended) A method of operating a combined knowledge-based bonus game with an underlying casino game of chance, the method comprising:

displaying a play of the underlying casino game of chance which results in a first outcome displayed to the player, said first outcome dependent upon at least one random determination, said first outcome capable of resulting in a first award-payout payable to the player, said underlying game of chance having a first house advantage,

displaying a play of the knowledge-based bonus game in combination with the underlying game, playing the knowledge-based game at least includes:

(a) providing at least one query to the player in the knowledge-based game,

(b) receiving at least one answer from the player in the response to the provided at least one query,

and

(c) if the answer is incorrect, receiving a second answer from the player in response to the at least one query;

(d) displaying a second outcome to the player, wherein said second outcome is dependent upon the knowledge of the player, said second outcome capable of resulting in a second payout payable to the player, wherein said second payout is a first amount if said first answer is correct and said second payout is a second amount if said second answer is correct, wherein said knowledge-based bonus game is configured to maintain within a range a second house advantage for the combined knowledge-based bonus game with the underlying casino game of chance, said range configured to account for an expected return provided by the play of knowledge-based bonus game by the player guessing answers and by the player having perfect knowledge of answers;

(e) if the first outcome results in the first payout, providing the first payout to the player even if the second payout is not provided to the player, and

(f) if the second outcome results in the second payout, providing the second payout to the player even if the first payout is not provided to the player.

Claims 26-29 (canceled)

Claim 30 (previously presented): The method of claim 25, wherein playing is randomly chosen at a given frequency.

Claim 31-87 (canceled)

Claim 88 (currently amended): A method for playing a casino game comprising:

receiving a wager from a player,

~~display~~displaying a play of an underlying game of chance which results in a plurality of first outcomes displayed to the player, said first outcomes dependent upon at least one random determination, said first outcomes capable of resulting in a first payout to the player, said underlying game of chance having a first house advantage,

displaying a play of a knowledge-based bonus game using answers from the player in combination with the underlying game of chance, said play of said knowledge-based bonus game resulting in a second outcome displayed to the player and dependent upon the knowledge of the player, said second outcome capable of resulting in a second payout to the player,

if the first outcome results in the first payout, providing the first payout to the player even if the second payout is not provided to the player,

if the second outcome results in the second payout, providing the second payout to the player even if the first payout is not provided to the player, and

said knowledge-based bonus game configured to maintain within a predetermined range a second house advantage for the combined knowledge-based bonus game with the underlying game of chance said predetermined range configured to include at least two expected returns provided by the play of knowledge-based bonus game, a first expected return provided when to the player guessing answers and a second expected return provided when to the player having perfect knowledge of answers.

Claim 89 (previously presented): The method of claim 1, which includes locally storing the queries to be answered by the player.

Claim 90 (previously presented): The method of claim 1, wherein the first outcome can be zero.

Claim 91 (previously presented): The method of claim 8, which includes locally storing the queries to be answered by the player.

Claim 92 (previously presented): The method of claim 8, wherein the first outcome can be zero.

Claim 93 (previously presented): The method of claim 10, which includes locally storing the queries to be answered by the player.

Claim 94 (previously presented): The method of claim 10, wherein the first outcome can be zero.

Claim 95 (previously presented): The method of claim 18, which includes locally storing the queries to be answered by the player.

Claim 96 (previously presented): The method of claim 18, wherein the first outcome can be zero.

Claim 97 (previously presented): The method of claim 19, which includes locally storing the queries to be answered by the player.

Claim 98 (previously presented): The method of claim 19, wherein the first outcome can be zero.

Claim 99 (previously presented): The method of claim 25, which includes locally storing the queries to be answered by the player.

Claim 100 (previously presented): The method of claim 25, wherein the first outcome can be zero.

Claim 101 (previously presented): The method of claim 88, which includes locally storing queries to be answered by the player.

Claim 102 (previously presented): The method of claim 88, wherein the first outcome can be zero.

Claim 103 (previously presented): The method of claim 1, which includes providing any first payout and any second payout simultaneously.

Claim 104 (previously presented): The method of claim 1, which includes providing any first a payout ward and any second payout at different times.

Claim 105 (previously presented): The method of claim 8, which includes providing any first payout and any second payout simultaneously.

Claim 106 (previously presented): The method of claim 8, which includes providing any first payout and any second payout at different times.

Claim 107 (previously presented): The method of claim 10, which includes providing any first payout and any second payout simultaneously.

Claim 108 (currently amended): The method of claim 10, which includes providing any first ~~award~~ payout and any second payout ~~award~~ at different times.

Claim 109 (currently amended): The method of claim 18, which includes providing any first payout award and any second payout award simultaneously.

Claim 110 (currently amended): The method of claim 18, which includes providing any first payout award and any second payout award at different times.

Claim 111 (previously presented) The method of claim 19, which includes providing any first payout and any second payout simultaneously.

Claim 112 (previously presented): The method of claim 19, which includes providing any first payout and any second payout at different times.

Claim 113 (previously presented): The method of claim 25, which includes providing any first payout and any second payout simultaneously.

Claim 114 (previously presented): The method of claim 25, which includes providing any first payout and any second payout at different times.

Claim 115 (previously presented): The method of claim 88, which includes providing any first payout and any second payout simultaneously.

Claim 116 (previously presented): The method of claim 88, which includes providing any first payout and any second payout at different times.

Claim 117 (previously presented): The method of claim 1, wherein the range is defined by a minimum value and a maximum value, and wherein at least one of said minimum value and said maximum value are configured to change for different plays of the knowledge-based bonus game.

Claim 118 (currently amended): The method of claim 8, wherein the knowledge-based bonus game includes:

- (a) providing the player a query;
- (b) providing the player a plurality of selections to answer said query, at least one of said selections corresponding to at least one correct answer and at least one of said selections corresponding to at least one incorrect answer;
- (c) enabling the player to select one of the selections;
- (d) if the player selects the at least one selection corresponding to the at least one correct answer, awarding the player a first amount;
- (e) if the player selects the at least one selection corresponding to the incorrect answer, enabling the player to select one of the non-selected selections and if the player selects the at least one selection corresponding to the correct answer, awarding the player a second amount; and
- (f) providing any awarded amounts to the player as the second payout.

Claim 119 (previously presented): The method of claim 10, wherein the knowledge-based bonus game includes:

- (a) providing the player a query;
- (b) providing the player a plurality of selections to answer said query, at least one of said selections corresponding to at least one correct answer and at least one of said selections corresponding to at least one incorrect answer;
- (c) enabling the player to select one of the selections;
- (d) if the player selects the at least one selection corresponding to the at least one correct answer, awarding the player a first amount;
- (e) if the player selects the at least one selection corresponding to the incorrect answer, enabling the player to select one of the non-selected selections and if the player selects the at least one selection corresponding to the correct answer, awarding the player a second amount; and
- (f) providing any awarded amounts to the player as the second payout.

Claim 120 (previously presented): The method of claim 18, wherein the range is defined by a minimum value and a maximum value, and wherein at least one of said minimum value and said maximum value are configured to change for different plays of the knowledge-based bonus game.

Claim 121 (previously presented): The method of claim 25, wherein the range is defined by a minimum value and a maximum value, and wherein at least one of said minimum value and said maximum value are configured to change for different plays of the knowledge-based bonus game.

Claim 122 (currently amended): The method of Claim 88, wherein the knowledge-based bonus game includes:

- (a) providing the player a query;
- (b) providing the player a plurality of selections to answer said query, at least one of said selections corresponding to at least one correct answer and at least one of said selections corresponding to at least one incorrect answer;
- (c) enabling the player to select one of the selections;
- (d) if the player selects the at least one selection corresponding to the at least one correct answer, awarding the player a first amount;
- (e) if the player selects the at least one selection corresponding to the incorrect answer, enabling the player to select one of the non-selected selections;
- (f) if the player selects the at least one selection corresponding to the correct answer, awarding the player a second amount; and
- (g) providing any awarded amounts to the player as the second payout.